



Federal Communications Commission
Washington, D.C. 20554

July 2, 2014

DA 14-960

Mr. Matthew Botwin
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Call Sign: E140048
File No: SES-LIC-20140428-00312

Dear Mr. Botwin:

On April 28, 2014, Orange Business Services U.S. Inc. (Orange) filed the above-captioned application for a VSAT network in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands that consists of one fixed earth station in Clearwater, FL, and 100 remote earth stations operating within the continental United States, which proposes to communicate with the Galaxy 16 satellite at the 99° W.L. orbital location and with "ALSAT" points of communication. Pursuant to Section 25.112(a)(2) of the Commission's rules, 47 C.F.R. § 25.112(a)(2), we dismiss the application, without prejudice to refiling.¹

Section 25.112(a) of the Commission's rules, 47 C.F.R. § 25.112, requires the Commission to return, as unacceptable for filing, any earth station application that is not substantially complete, contains internal inconsistencies, or does not substantially comply with the Commission's rules. For the reasons stated below, Orange's application is unacceptable and subject to dismissal.

- Orange lists in item E40 of the FCC Form 312 - Schedule B, for both the fixed earth station and the remote terminals, 62.5 dBW as the total equivalent isotropically radiated power (eirp) for all carriers; however, based on Orange's responses of 40 Watts to item E38 and of 45.9 dBi to the antenna transmit gain in item E42, the maximum Total Output for all Carriers should be 61.9 dBW. Furthermore, Orange states in item E48, that the maximum eirp per carrier for emission designator 36M0G7W is 68.9 dBW, which exceeds our calculated maximum power level.
- Orange indicates in item E17 of the FCC Form 312 - Schedule B that the 100 remote terminals would be operated remotely, but neither identifies the remote control point within the United States, nor states that it would maintain a point of contact within the United States available 24 hours a day, 7 days a week, with the ability to shut off any earth station within the VSAT network immediately upon notification of harmful

¹ If Orange refiles an application identical to the one dismissed, with the exception of supplying the missing information, it need not pay an application fee. See 47 C.F.R. § 1.1111(d).

interference, as required by Section 25.271(c)(5) of the Commission's rules, 47 C.F.R. § 25.271.

- Orange states in item E56 of the FCC Form 312 - Schedule B that the earth station's azimuth angle western limit is 254.0 degrees; however, the FCC's calculated azimuth angle western limit shows 258.5 degrees.
- Orange states in item E57 of the FCC Form 312 - Schedule B that the western limit of the earth station's elevation angle is 15.3 degrees, and that the eastern limit is 26.1 degrees; however, the FCC's calculated elevation angle western limit shows 12.8 degrees and eastern limit shows 31.9 degrees.

Accordingly, pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, we dismiss the application of Orange Business Services U.S. Inc. without prejudice to refiling.

Sincerely,

Paul E. Blais
Chief, Systems Analysis Branch
Satellite Division
International Bureau